

GOLF BALL WITH IMPROVED FLIGHT PERFORMANCE

ABSTRACT

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A golf ball with aerodynamic coefficient magnitude and aerodynamic force angle, resulting in improved flight performance, such as increased carry and flight consistency regardless of ball orientation. In particular, the present invention is directed to a golf ball having increased flight distance as defined by a set of aerodynamic requirements, at particular
10 spin ratios and Reynolds Numbers. The invention is also directed toward golf balls with dimple diameters of greater than 6.5 percent of the ball diameter and dimples with a profile defined by a catenary curve.